

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A ~~physical computer readable~~recording medium storing an executable data structure for managing reproduction of ~~at least one still images~~ recorded on the computer readable medium by a reproducing apparatus, comprising:

a data area storing ~~a first and second clip stream files~~, the first clip stream file including at least video data for ~~at the still images and not including audio data, the second clip stream file including at least audio data to be reproduced with the still images synchronously; and~~

a management area storing ~~a clip information file associated with the clip stream file and storing at least one playlist file, the clip information file including at least an entry point map, the entry point map including mapping information between a presentation time and a unit of the clip stream file, the playlist file including at least one playitem and at least one sub-playitem, the play item indicating in-point and out-point of the first clip stream file to reproduce at least one the still images, the sub-playitem indicating in-point and out-point of the second clip stream file to reproduce audio data and including first sync information indicating the playitem associated with the sub-playitem such that the still images and the audio data are played in synchronization with one another~~and the clip stream file is separate from the clip information file.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Currently Amended) The physical computer readable medium of claim 1,
wherein the playitem includes duration information ~~to display the still image~~indicating
whether to display the still images for one of a finite and an infinite period of time.

14. (Canceled)

15. (Currently Amended) The physical computer readable medium of claim 1,
wherein

~~the clip stream file includes video data representing more than one still image;~~

~~and~~

the playlist file includes navigation information for sequentially reproducing a
number of the still images.

16. (Currently Amended) The physical computer readable medium of claim 1,
wherein

~~the clip stream file includes video data representing more than one still image;~~

~~and~~

the playlist file includes navigation information for selectively reproducing the still
images.

17. (Currently Amended) A method of recording a data structure for managing
reproduction of ~~at least one still images~~ on a recording medium, comprising:

recording a first and second clip stream files, and at least one playlist file, and a
~~clip information file associated with the clip stream file~~ on the recording medium, the
first clip stream file including at least video data for a the still images and not including
audio data, the second clip stream file including at least audio data to be reproduced
with the still images synchronously, the clip information file including at least an entry
point map, the entry point map including mapping information between a presentation

~~time and a unit of the clip stream file, the playlist file including at least one playitem and at least one sub-playitem, the playitem indicating in-point and out-point of the first clip stream file to for reproduce reproducing the at least one still images, the sub-playitem indicating in-point and out-point of the second clip stream file for reproducing audio data and including first sync information indicating the playitem associated with the sub-playitem such that the still images and the audio data are played in synchronization with one another and the clip stream file is separate from the clip information file.~~

18. (Currently Amended) A method of reproducing a data structure for managing reproduction of ~~at least one still images~~ recorded on a recording medium, comprising:

reproducing ~~a first and second clip stream files, and at least one playlist file, and a clip information file associated with the clip stream file from the recording medium, the first clip stream file including at least video data for thea still images and not including audio data, the second clip stream file including at least audio data being reproduced with the still images synchronously, clip information file including at least an entry point map, the entry point map including mapping information between a presentation time and a unit of the clip stream file, the playlist file including at least one playitem and at least one one sub-playitem, the playitem indicating in-point and out-point of the first clip stream file to reproduce the at least one still images, the sub-playitem indicating in-point and out-point of the second clip stream file to reproduce the audio data and including first sync information indicating the playitem associated with the sub-playitem such that the still images and the audio data are played in synchronization with one another and the clip stream file is separate from the clip information file.~~

19. (Currently Amended) An apparatus for recording a data structure for managing reproduction of ~~at least one still images~~ on a recording medium, comprising:

a pick up configured to record data on the recording medium; and

a controller configured to control the pick up to record a first and second clip stream files and, at least one playlist file, and a clip information file associated with the clip stream file on the recording medium, the first clip stream file including at least video data for a the still images and not including audio data, the second clip stream file including at least audio data to be reproduced with the still images synchronously, the clip information file including at least an entry point map, the entry point map including mapping information between a presentation time and a unit of the clip stream file, the playlist file including at least one playitem and at least one sub-playitem, the playitem indicating in-point and out-point of the first clip stream file to reproduce the at least one still images, and the sub-playitem indicating in-point and out-point of the second clip stream file to reproduce audio data and including first sync information indicating the playitem associated with the sub-playitem such that the still images and the audio data are played in synchronization with one another~~the clip stream file is separate from the clip information file.~~

20. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of ~~at least one still images~~ recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium; and

a controller configured to control the pick up to reproduce a first and second clip stream files and at least one, a playlist file, and a clip information file associated with the

~~clip stream file~~ from the recording medium, the first clip stream file including at least video data for the a still images and not including audio data, the second clip stream file including at least audio data being reproduced with the still images synchronously, the clip information file including at least an entry point map, the entry point map including mapping information between a presentation time and a unit of the clip stream file, the playlist file including at least one playitem and at least one sub-playitem, the playitem indicating in-point and out-point of the first clip stream file to reproduce the at least one still images, the sub-playitem indicating in-point and out-point of the second clip stream file to reproduce audio data and including first sync information indicating the playitem associated with the sub-playitem such that the at least one still image and the audio data are played in synchronization with one another~~and the clip stream file is separate from the clip information file.~~

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Currently Amended) The method of claim 17, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for sequentially reproducing a number of the still images.

25. (Currently Amended) The method of claim 17, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes

navigation information for selectively reproducing the still images.

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Currently Amended) The method of claim 18, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for sequentially reproducing a number of the still images.

30. (Currently Amended) The method of claim 18, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for selectively reproducing the still images.

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (Currently Amended) The apparatus of claim 19, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for sequentially reproducing a number of the still images.

35. (Currently Amended) The apparatus of claim 19, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for selectively reproducing the still images.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Currently Amended) The apparatus of claim 20, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for sequentially reproducing a number of the still images.

40. (Currently Amended) The apparatus of claim 20, wherein ~~the clip stream file includes video data representing more than one still image; and~~ the playlist file includes navigation information for selectively reproducing the still images.

41. (Canceled)

42. (Canceled)

43. (Currently Amended) The method of claim 17, wherein the playitem includes a duration information indicating whether to display the still image for one of a finite and an infinite period of time~~to display the still image~~.

44. (Canceled)

45. (Canceled)

46. (Currently Amended) The method of claim 18, wherein the playitem includes a duration information indicating whether to display the still image for one of a finite and an infinite period of time~~to display the still image~~.

47. (Canceled)

48. (Canceled)

49. (Currently Amended) The apparatus of claim 19, wherein the playitem includes a duration information indicating whether to display the still image for one of a finite and an infinite period of time~~to display the still image~~.

50. (Canceled)

51. (Canceled)

52. (Currently Amended) The apparatus of claim 20, wherein the playitem includes a

duration information indicating whether to display the still image for one of a finite and an infinite period of time to display the still image.

53. (New) The computer readable medium of claim 1, wherein the sub-playitem further includes second sync information indicating a sync time in the playitem, and the sub-playitem starts its presentation at the sync time.

54. (New) The method of claim 17, wherein the sub-playitem further includes second sync information indicating a sync time in the playitem, and the sub-playitem starts its presentation at the sync time.

55. (New) The method of claim 18, wherein the sub-playitem further includes second sync information indicating a sync time in the playitem, and the sub-playitem starts its presentation at the sync time.

56. (New) The apparatus of claim 19, wherein the sub-playitem further includes second sync information indicating a sync time in the playitem, and the sub-playitem starts its presentation at the sync time.

57. (New) The apparatus of claim 20, wherein the sub-playitem further includes second sync information indicating a sync time in the playitem, and the sub-playitem starts its presentation at the sync time.